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Question 25

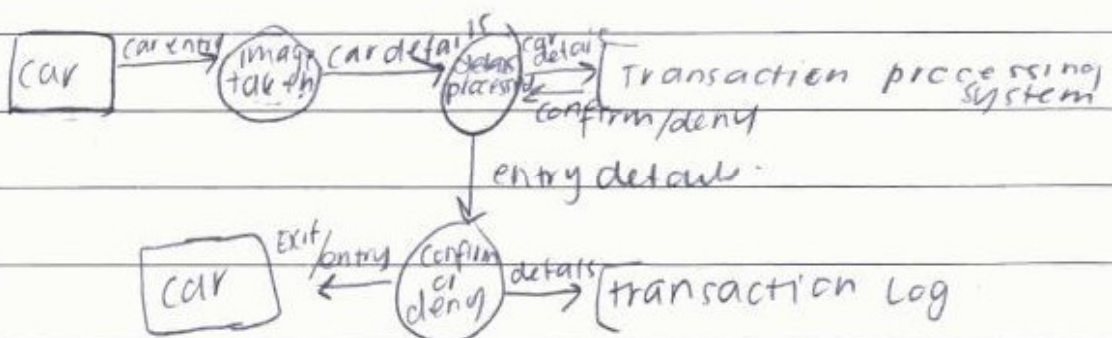
A. (i): RFID tag is attached to a transaction to ensure it's delivered to the right place.

(ii): The transaction logs are used in a transaction processing system to follow the movement of the transaction. (i.e. transaction sent, transaction received)

B. (i): Real-time processing is needed when an occurrence takes place and an immediate response is required. Examples include ATM's, and making reservations.

(ii): Batch processing could be a better solution because it allows all data to be sent at once. This saves time. An example of this is sending/cashing in cheques/doing payroll.

C. (i)



(ii): The camera collects the car number plates and retrieves the details from the user account. It then saves the transaction in the transaction log and later the bill is sent to the owner.

(iii): Technology like this could be used in conditions like national security, whilst at war. The army vehicles would represent the car and this may be used to prevent any enemy submissions. It could also be used at car dealerships, when people test drive cars. This is mainly going to be used for security purposes.

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